

Ornamental Horticulture Program Standards

1. Personal Qualities and People Skills					
Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
Demonstrate a positive work ethic by coming to work every day on time, a willingness to take direction, and motivation to accomplish the task at hand.	0	4	14	2.78	18
Demonstrate integrity by abiding by workplace policies and laws and demonstrating honesty and reliability.	0	2	16	2.89	18
Demonstrate teamwork skills by contributing to the success of the team, assisting others, and requesting help when needed.	1	5	12	2.61	18
Demonstrate positive self-representation skills by dressing appropriately and using language and manners suitable for the workplace.	0	6	12	2.67	18
Demonstrate diversity awareness by working well with all customers and co-workers.	1	7	10	2.50	18
Demonstrate conflict-resolution skills by negotiating diplomatic solutions to interpersonal and workplace issues.	3	8	7	2.22	18
Demonstrate creativity and resourcefulness by contributing new ideas and working with initiative.	8	6	4	1.78	18
<i>answered question</i>					18
<i>skipped question</i>					0

2. Professional Knowledge and Skills					
Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
Demonstrate effective speaking and listening skills by communicating effectively with customers and employees and following directions.	3	5	10	2.39	18
Demonstrate effective reading and writing skills by reading and interpreting workplace documents and writing clearly.	2	12	4	2.11	18
Demonstrate critical-thinking and problem-solving skills by analyzing and resolving problems that arise in completing assigned tasks.	4	8	6	2.11	18
Demonstrate healthy behaviors and safety skills by following safety guidelines and managing personal health.	4	9	5	2.06	18
Demonstrate understanding of workplace organizations, systems, and climates by identifying "big picture" issues and fulfilling the mission of the workplace.	5	9	4	1.94	18
Demonstrate lifelong-learning skills by continually acquiring new industry-related information and improving professional skills.	6	6	6	2.00	18

Demonstrate job acquisition and advancement skills by preparing to apply for a job and seeking promotion.	9	7	2	1.61	18
Demonstrate time, task, and resource management skills by organizing and implementing a productive plan of work.	6	7	5	1.94	18
Demonstrate mathematical skills by using mathematical reasoning to accomplish tasks	7	9	2	1.72	18
Demonstrate customer service skills by identifying and addressing the needs of all customers and providing helpful, courteous, and knowledgeable service.	4	4	10	2.33	18
<i>answered question</i>					18
<i>skipped question</i>					0

3. Technology Knowledge and Skills					
Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
Demonstrate proficiency with job-specific technologies by selecting and safely using technological resources to accomplish work responsibilities in a productive manner.	6	10	2	1.78	18
Demonstrate proficiency with information technology by using computers, file management techniques, and software/programs effectively.	9	5	4	1.72	18
Demonstrate proper Internet use and security by using the Internet appropriately for work.	7	6	5	1.89	18
Demonstrate proficiency with telecommunications by selecting and using appropriate devices, services, and applications.	9	5	4	1.72	18
<i>answered question</i>					18
<i>skipped question</i>					0

CONTENT STANDARD 1.0: SAFETY IN THE ORNAMENTAL HORTICULTURE INDUSTRY					
Performance Standard 1.1: Safe Work Practices					
Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
1.1.1 Identify and properly use personal protection equipment.	0	12	6	2.33	18
1.1.2 Read, understand and follow label directions and SDS (safety data sheet).	0	11	7	2.39	18
1.1.3 Properly identify common hand tools and power equipment.	3	9	6	2.17	18
1.1.4 Safely use common hand tools and power equipment.	3	8	7	2.22	18
1.1.5 Complete (EPA) worker protection handler verification card training.	11	4	3	1.56	18
<i>answered question</i>					18
<i>skipped question</i>					0

CONTENT STANDARD 2.0: PLANT ANATOMY**Performance Standard 2.1: Plant Cells**

	Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
2.1.1	Label the parts of a plant cell.	16	1	1	1.17	18
2.1.2	Differentiate between a plant and animal cell.	16	1	1	1.17	18
2.1.3	Explain the function of plant cell organelles.	16	2	0	1.11	18
<i>answered question</i>						18
<i>skipped question</i>						0

Performance Standard 2.2: Root Anatomy

	Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
2.2.1	Investigate the functions of roots in plants.	14	3	1	1.28	18
2.2.2	Identify the parts of a root.	16	1	1	1.17	18
2.2.3	Differentiate the two major types of root systems.	13	3	2	1.39	18
2.2.4	Investigate specialized structures in roots.	15	3	0	1.17	18
2.2.5	Investigate the functions of roots in plants.	12	6	0	1.33	18
<i>answered question</i>						18
<i>skipped question</i>						0

Performance Standard 2.3: Stem Anatomy

	Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
2.3.1	List the functions of a stem.	13	4	1	1.33	18
2.3.2	Recognize the external structures of a stem.	14	3	1	1.28	18
2.3.3	Analyze the internal structures of a stem cell.	16	2	0	1.11	18
2.3.4	Investigate specialized structures in stems.	15	3	0	1.17	18
<i>answered question</i>						18
<i>skipped question</i>						0

Performance Standard 2.4: Leaf Anatomy

	Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
2.4.1	Name the main parts of a leaf.	13	5	0	1.28	18
2.4.2	Compare common vein patterns found in leaves.	13	5	0	1.28	18
2.4.3	List three functions of a leaf, including photosynthetic energy conversion.	11	5	2	1.50	18
2.4.4	Differentiate major leaf arrangements.	12	6	0	1.33	18
2.4.5	Investigate specialized cell structures in a leaf.	17	1	0	1.06	18
<i>answered question</i>						18
<i>skipped question</i>						0

Performance Standard 2.5: Flower Anatomy					
Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
2.5.1 Label and describe the parts of a flower.	15	1	2	1.28	18
2.5.2 Summarize the purpose of a flower.	13	3	2	1.39	18
2.5.3 Distinguish between different types of flowers.	10	7	1	1.50	18
2.5.4 Describe the difference between monocot and dicot flowers.	14	4	0	1.22	18
2.5.5 Diagram the process of plant pollination and fertilization.	14	3	1	1.28	18
<i>answered question</i>					18
<i>skipped question</i>					0

Performance Standard 2.6: Fruit Anatomy					
Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
2.6.1 Label and describe the parts of a fruit.	14	3	1	1.28	18
2.6.2 Identify and distinguish between basic types of fruits.	13	3	2	1.39	18
<i>answered question</i>					18
<i>skipped question</i>					0

Performance Standard 2.7: Seed Anatomy					
Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
2.7.1 Identify and list the major parts of a seed.	15	2	1	1.22	18
2.7.2 List the function of each major part of a seed.	15	3	0	1.17	18
<i>answered question</i>					18
<i>skipped question</i>					0

CONTENT STANDARD 3.0: PLANT PHYSIOLOGY					
Performance Standard 3.1: Energy Conversion in Plants					
Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
3.1.1 Interpret the process of photosynthesis.	12	2	4	1.56	18
3.1.2 Interpret the process of respiration.	12	4	2	1.44	18
3.1.3 Compare the process of respiration to photosynthesis.	13	5	0	1.28	18
<i>answered question</i>					18
<i>skipped question</i>					0

Performance Standard 3.2: Transport Within a Plant System					
Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
3.2.1 Compare the active and passive transport of minerals into and through the root systems to plant nutrition.	12	3	3	1.50	18
3.2.2 Compare the structure and function of xylem and phloem cells and tissues.	12	2	4	1.56	18
3.2.3 Describe the process of translocation.	12	5	1	1.39	18
<i>answered question</i>					18

Performance Standard 3.3: Environmental Requirements for Plant Growth					
Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
3.3.1 Examine the effects of light quality on plant growth (i.e., spectrum, light measurement).	8	8	2	1.67	18
3.3.2 Examine the effects of water quality on plant growth (i.e., pH, hardness).	7	8	3	1.78	18
3.3.3 Examine the effects of temperature on plant growth.	6	9	3	1.83	18
<i>answered question</i>					18
<i>skipped question</i>					0

Performance Standard 3.4: Plant Growth Regulators					
Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
3.4.1 Compare the functions of plant hormones.	15	2	1	1.22	18
3.4.2 Examine commercial uses for plant growth regulators.	15	2	1	1.22	18
<i>answered question</i>					18
<i>skipped question</i>					0

Performance Standard 3.5: Plant Tropisms					
Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
3.5.1 Investigate plant tropisms (e.g., photo, thigma or gravi).	16	1	1	1.17	18
<i>answered question</i>					18
<i>skipped question</i>					0

CONTENT STANDARD 4.0: PLANT IDENTIFICATION SKILLS					
Performance Standard 4.1: Categorize Plants					
Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
4.1.1 Discuss the classification and naming of plants.	12	5	1	1.39	18
4.1.2 Distinguish the major groups of plants.	7	9	2	1.72	18
4.1.3 Correctly categorize common plants by life cycle (i.e., annuals, perennials, etc.).	5	5	8	2.17	18
4.1.4 Correctly categorize plants by growth habits (i.e., mounding, trailing, etc.).	4	9	5	2.06	18
4.1.5 Utilize resources to establish plant suitability for a selected site (i.e., Hardiness Zone Maps, Heat Zone Maps).	5	8	5	2.00	18
4.1.6 Identify common plants by botanical and common names.	5	6	7	2.11	18
<i>answered question</i>					18
<i>skipped question</i>					0

CONTENT STANDARD 5.0: GROWING MEDIA					
Performance Standard 5.1: Soil Texture and Structure					
Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
5.1.1 List the components of soil.	8	6	4	1.78	18
5.1.2 Describe the concept of soil texture and its importance.	6	8	4	1.89	18
5.1.3 Classify the texture of a soil sample.	7	10	1	1.67	18
5.1.4 Identify various soil structures, their formation, and importance in agriculture production.	9	7	2	1.61	18
<i>answered question</i>					18
<i>skipped question</i>					0

Performance Standard 5.2: Soilless Growing Media					
Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
5.2.1 Identify the components and source of soilless growing media.	12	4	1	1.35	17
5.2.2 Describe the functions of growing media.	10	6	2	1.56	18
5.2.3 Determine desirable properties of growing media (i.e., drainage, organic matter, micro-organisms).	10	6	2	1.56	18
5.2.4 Evaluate the advantages and disadvantages of soilless media.	13	3	2	1.39	18
<i>answered question</i>					18
<i>skipped question</i>					0

Performance Standard 5.3: Chemical Characteristics of Growing Media					
Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
5.3.1 Test and determine pH level of various growing media.	11	6	1	1.44	18
5.3.2 Interpret pH test results of a growing media sample.	9	8	1	1.56	18
5.3.3 Test and determine the electrical conductivity (EC) of various growing media.	14	4	0	1.22	18
5.3.4 Interpret EC test results of a growing media sample.	13	5	0	1.28	18
5.3.5 Interpret soil test results and make recommendation accordingly.	11	5	2	1.50	18
5.3.6 Analyze the relationship between soil media and nutrient availability.	11	5	2	1.50	18
<i>answered question</i>					18
<i>skipped question</i>					0

Performance Standard 5.4: Water-Holding Capacity (WHC)					
Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
5.4.1 Describe water-holding capacity of soils and its relationship to the water cycle.	8	7	3	1.72	18
5.4.2 Explain what determines a soil's water-holding capacity.	8	8	2	1.67	18
<i>answered question</i>					18
<i>skipped question</i>					0

CONTENT STANDARD 6.0: PLANT NUTRITION					
Performance Standard 6.1: Fertilizer Formulation					
Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
6.1.1 Differentiate between macronutrients and micronutrients.	7	8	3	1.78	18
6.1.2 Measure pH and describe how it is modified.	6	9	3	1.83	18
6.1.3 Identify the components of a fertilizer and their role in the biochemical cycle.	8	8	2	1.67	18
6.1.4 Interpret a fertilizer label.	3	8	7	2.22	18
6.1.5 Categorize methods of application (i.e., granular, time released, injector, foliar).	7	8	3	1.78	18
6.1.6 Evaluate application methods to ornamental crops.	5	11	2	1.83	18
6.1.7 Develop a fertilizer management plan for an ornamental crop.	7	11	0	1.61	18
<i>answered question</i>					18
<i>skipped question</i>					0

Performance Standard 6.2: Plant Nutrients					
Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
6.2.1 Correlate plant symptoms to the appropriate nutritional deficiency.	5	7	6	2.06	18
6.2.2 Correlate plant symptoms to the appropriate plant toxicity.	5	10	3	1.89	18
<i>answered question</i>					18
<i>skipped question</i>					0

CONTENT STANDARD 7.0: INTEGRATED PEST MANAGEMENT (IPM)					
Performance Standard 7.1: Integrated Pest Management					
Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
7.1.1 Define Integrated Pest Management (IPM).	4	9	4	2.00	17
7.1.2 Summarize the benefits of IPM.	4	9	4	2.00	17
<i>answered question</i>					17
<i>skipped question</i>					1

Performance Standard 7.2: Common Pests and Diseases					
Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
7.2.1 Identify types of plant pests and diseases.	4	6	7	2.18	17
7.2.2 Identify weed, insect, rodent, and fungi pests.	4	6	7	2.18	17
7.2.3 Differentiate between infectious and noninfectious diseases.	4	10	3	1.94	17
7.2.4 Identify abiotic plant injuries.	3	12	2	1.94	17
<i>answered question</i>					17
<i>skipped question</i>					1

Performance Standard 7.3: Safe Handling, Use, and Storage of Pesticides					
Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
7.3.1 Identify and utilize appropriate safety measures when applying pesticides.	5	4	8	2.18	17
7.3.2 Interpret pesticide labels.	3	5	9	2.35	17
7.3.3 Explain procedures for storing and disposing of pesticides.	4	9	4	2.00	17
7.3.4 Evaluate environmental and consumer concerns regarding pest management and biodiversity.	8	8	1	1.59	17
7.3.5 Demonstrate how to mix pesticides according to label directions.	6	2	9	2.18	17
7.3.6 Calibrate common application equipment and calculate application rate.	5	5	7	2.12	17
7.3.7 Explore requirements for obtaining pesticide applicator licenses.	7	6	4	1.82	17
<i>answered question</i>					17
<i>skipped question</i>					1

CONTENT STANDARD 8.0: PLANT PROPAGATION					
Performance Standard 8.1: Sexual Propagation of Ornamental Plants					
Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
8.1.1 Compare the difference between sexual and asexual propagation.	10	3	4	1.65	17
8.1.2 Diagram the process of seed germination.	14	2	1	1.24	17
8.1.3 Identify the conditions needed for seed germination.	8	6	3	1.71	17
8.1.4 Compare the methods of seed preparation.	11	5	1	1.41	17
8.1.5 Demonstrate techniques for sowing seeds.	7	7	3	1.76	17
8.1.6 Determine germination percent.	14	2	1	1.24	17
<i>answered question</i>					17
<i>skipped question</i>					1

Performance Standard 8.2: Asexual Propagation of Ornamental Plants					
Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
8.2.1 Summarize optimum conditions for asexual propagation.	13	3	1	1.29	17
8.2.2 Demonstrate techniques used to propagate plants by cutting.	11	5	1	1.41	17
8.2.3 Demonstrate techniques used to propagate plants by division.	8	8	1	1.59	17
8.2.4 Demonstrate techniques used to propagate plants by separation.	8	8	1	1.59	17
8.2.5 Demonstrate techniques used to propagate plants by layering.	13	3	1	1.29	17
<i>answered question</i>					17
<i>skipped question</i>					1

CONTENT STANDARD 9.0: ORNAMENTAL HORTICULTURE CROPS					
Performance Standard 9.1: Crop Production					
Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
9.1.1 Plan a growing schedule to maximize the production of a growing facility.	12	5	0	1.29	17
9.1.2 Utilize best management practices when spacing crops.	8	8	1	1.59	17
9.1.3 Select appropriate containers and medium for a crop.	7	9	1	1.65	17
<i>answered question</i>					17
<i>skipped question</i>					1

Performance Standard 9.2: Growth Maintenance Procedures					
Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
9.2.1 Compare and contrast hard and soft pinches.	11	6	0	1.35	17
9.2.2 Pinch plants using best management practices.	10	7	0	1.41	17
9.2.3 Examine proper pruning techniques.	4	5	8	2.24	17
9.2.4 Demonstrate proper watering techniques.	4	4	9	2.29	17
9.2.5 Develop a plant lighting schedule for a crop.	12	4	1	1.35	17
9.2.6 Develop a fertilizer schedule for a crop.	9	7	1	1.53	17
<i>answered question</i>					17
<i>skipped question</i>					1

Performance Standard 9.3: Transplanting					
Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
9.3.1 Identify the proper stage of plant growth for transplanting.	7	5	4	1.81	16
9.3.2 Select appropriate plants for transplanting.	7	6	4	1.82	17
9.3.3 Demonstrate transplanting procedures to industry standards.	5	9	3	1.88	17
<i>answered question</i>					17
<i>skipped question</i>					1

Performance Standard 9.4: Production Standards					
Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
9.4.1 Compare hardening processes	10	4	3	1.59	17
9.4.2 Prepare plants for sale using best management practices.	5	10	2	1.82	17
9.4.3 Examine current industry crop standards (i.e. ANSI, ASNS, NALP).	8	8	1	1.59	17
<i>answered question</i>					17
<i>skipped question</i>					1

CONTENT STANDARD 10.0: BUSINESS CONCEPTS					
Performance Standard 10.1: Basics of Marketing					
Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
10.1.1 Compare and contrast advertising methods.	16	1	0	1.06	17
10.1.2 Define the purpose for developing a marketing plan.	13	4	0	1.24	17
10.1.3 Create a business display to a target market.	15	2	0	1.12	17
<i>answered question</i>					17
<i>skipped question</i>					1

Performance Standard 10.2: Principles of Sales					
Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
10.2.1 Compare and contrast the relationship between marketing and selling.	10	6	1	1.47	17
10.2.2 Calculate markup.	9	5	3	1.65	17
10.2.3 Complete a sales ticket.	7	6	4	1.82	17
10.2.4 Complete a pre-sale and post-sale plant inventory.	8	8	1	1.59	17
10.2.5 Determine cost of sales.	9	5	3	1.65	17
10.2.6 Complete estimates and bids (cost analysis).	8	7	2	1.65	17
10.2.7 Identify the characteristics of an effective salesperson, and define related terms.	6	7	4	1.88	17
10.2.8 Analyze the customer buying process.	7	8	2	1.71	17
10.2.9 Identify the steps involved in the selling process.	6	9	2	1.76	17
10.2.10 Identify the benefits of different types of sales, including website and e-commerce.	11	5	1	1.41	17
10.2.11 Assess the basic components and content of a business website.	13	4	0	1.24	17
<i>answered question</i>					17
<i>skipped question</i>					1

CONTENT STANDARD 11.0: PLANT TECHNOLOGIES						
Performance Standard 11.1: Selective Plant Breeding						
Answer Options		Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
11.1.1	Describe the selective plant breeding process.	13	2	2	1.35	17
11.1.2	Explain how to estimate the heritability of certain traits.	13	4	0	1.24	17
11.1.3	Predict the genotypes and phenotypes from monohybrid and dihybrid crosses using a Punnett Square.	14	2	1	1.24	17
11.1.4	Describe sex determination, linkage, crossover, and mutation.	13	3	1	1.29	17
11.1.5	Describe how biotechnology tools are used to monitor and direct plant breeding.	11	6	0	1.35	17
answered question						17
skipped question						1

Performance Standard 11.2: Genetic Engineering of Plants						
Answer Options		Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
11.2.1	Explain the advantages and disadvantages for genetic manipulation of plants.	12	3	2	1.41	17
11.2.2	Identify transgenic plants on the market.	12	5	0	1.29	17
answered question						17
skipped question						1

Performance Standard 11.3: Micropropagation Techniques						
Answer Options		Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
11.3.1	Define micropropagation and its importance.	12	5	0	1.29	17
11.3.2	Explain applications of micropropagation.	14	3	0	1.18	17
11.3.3	Identify tools and materials for micropropagation procedures.	15	2	0	1.12	17
11.3.4	Describe procedures used in micropropagation.	14	3	0	1.18	17
answered question						17
skipped question						1

Performance Standard 11.4: Hydroponic Techniques						
Answer Options		Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
11.4.1	Define hydroponics and its importance to society.	10	7	0	1.41	17
11.4.2	Explain applications of hydroponics.	12	5	0	1.29	17
11.4.3	Describe procedures used in hydroponic plant production.	12	5	0	1.29	17
answered question						17
skipped question						1

CONTENT STANDARD 12.0: ORNAMENTAL DESIGN STANDARDS					
Performance Standard 12.1: Principles and Elements of Design					
Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
12.1.1 Compare and contrast balance using symmetry, asymmetry, and massing.	6	6	5	1.94	17
12.1.2 Explain how the principles of dominance and focal point are used in design.	7	7	3	1.76	17
12.1.3 Determine appropriate proportion and scale in a design.	4	7	6	2.12	17
12.1.4 Illustrate how to establish rhythm in a design.	11	6	0	1.35	17
12.1.5 Discuss relationship of color to emotions/symbolism.	13	4	0	1.24	17
12.1.6 Use color, texture, and form to create a desired atmosphere.	7	7	3	1.76	17
<i>answered question</i>					17
<i>skipped question</i>					1

Performance Standard 12.2: Implementation of Principles and Elements of Design					
Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
12.2.1 Create a project using principles and elements of design.	4	8	5	2.06	17
12.2.2 Justify design choices of finished project.	5	10	2	1.82	17
<i>answered question</i>					17
<i>skipped question</i>					1

CONTENT STANDARD 13.0: CAREER OPPORTUNITIES IN ORNAMENTAL HORTICULTURE					
Performance Standard 13.1: Careers in Ornamental Horticulture					
Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
13.1.1 Research potential careers in ornamental horticulture and plant science.	4	10	3	1.94	17
13.1.2 Demonstrate employability skills for a career in the ornamental horticulture industry.	4	5	8	2.24	17
13.1.3 Research additional industry certifications available.	4	11	2	1.88	17
<i>answered question</i>					17
<i>skipped question</i>					1

CONTENT STANDARD 14.0: LEADERSHIP TRAINING THROUGH AGRICULTURAL EDUCATION					
Performance Standard 14.1: Effective Leadership and Leadership Training					
Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
14.1.1 Expand leadership experience by participating in a chapter activity.	7	8	2	1.71	17
14.1.2 Participate in a career development event at the local level or above.	6	6	5	1.94	17
14.1.3 Exhibit leadership skills by demonstrating proper parliamentary procedure.	9	7	1	1.53	17
14.1.4 Participate in a speech or presentation activity.	7	7	3	1.76	17
<i>answered question</i>					17
<i>skipped question</i>					1

Performance Standard 14.2: School and Community Awareness					
Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
14.2.1. Participate in a school improvement or community development project.	9	6	2	1.59	17
<i>answered question</i>					17
<i>skipped question</i>					1

CONTENT STANDARD 15.0: SUPERVISED AGRICULTURAL EXPERIENCE (SAE) AND AGRICULTURAL CAREER PREPARATION					
Performance Standard 15.1: Maintain a Supervised Agricultural Experience					
Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
15.1.1 Accurately maintain SAE record books.	12	3	2	1.41	17
15.1.2 Investigate the proficiency award areas related to SAE program area.	13	3	1	1.29	17
15.1.3 Actively pursue necessary steps to receive higher degrees in FFA.	12	4	1	1.35	17
<i>answered question</i>					17
<i>skipped question</i>					1